INSTALLER / CONSUMER SAFETY INFORMATION

PLEASE READ THIS MANUAL BEFORE INSTALLING AND USING APPLIANCE.

WARNING!
IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

FOR YOUR SAFETY

Installation and service must be performed by a qualified installer, service agency or the gas suppler.

WHAT TO DO IF YOU SMELL GAS:

- **Do not try to light any appliance.**
- **Do not touch any electric switch; do not use any phone in your building.**
- **Immediately call your gas supplier from your neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

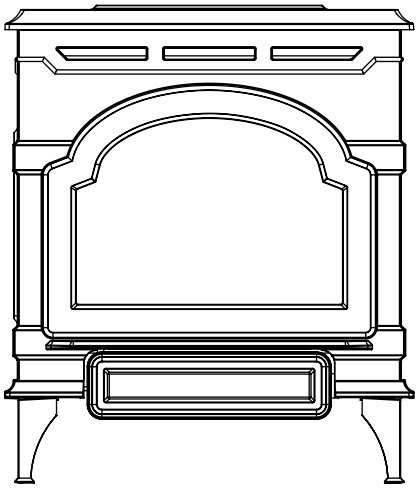
This appliance may be installed in an after market permanently located manufactured (mobile) home where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate.

This appliance is not convertible for use with other gases unless a certified kit is used.

EST. 1974
DUTCHWEST
BY VERMONT CASTINGS

Dutchwest
Natural Vent Gas Heater
Models: 2467, 2468



Homeowner's Installation and Operating Manual

DESIGN CERTIFIED

CERTIFIED

INSTALLATEUR : laissez ce manuel avec l'appareil. PROPRIÉTAIRE : conservez ce manuel pour consultation future.

30002008 4/07 Rev. 10

Table of Contents

PLEASE READ THE INSTALLATION & OPERATING INSTRUCTIONS BEFORE USING APPLIANCE.
Thank you and congratulations on your purchase of a Dutchwest stove.
IMPORTANT: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible fire hazard and will void the warranty.

Installation & Operating Instructions 3
- Stove Dimensions 4
- Clearance Requirements 5
- Alcove Minimum Dimensions 5
- Hearth Requirements 5
- Gas Specifications 6
- Gas Inlet and Manifold Pressures 6
- High Elevations 6
- Venting Requirements 6
- Vent Layout and Height Requirements 6
- Passing Through a Combustible Wall or Ceiling 7
- Venting Requirements 7
- Install the Optional Fan 8
- Venting System Assembly 9
- Connect the Gas Supply Line 10
- Burner Information 11
- Install ON/OFF Switch 11
- Thermostat Connection 11
- Install the Logset 11
- Install Stove Front 12

Operation
- Your First Fire 13
- Pilot and Burner Inspection 13
- Lighting and Operating Instructions 14
- Troubleshooting 15
- Fuel Conversion Instructions 16

Maintenance
- Annual System Inspection 19
- Logset and Burner Cleaning and Inspection 19
- Care of Cast Iron 19
- Cleaning the Glass 19
- Glass Replacement 19
- Gasket Replacement 20
- Inspect the Vent System Annually 20
- Check the Gas Flame Regularly 20

Installation & Operating Instructions

The Dutchwest Natural Vent Room Heater, Model Nos. 2467 and 2468, is a vented gas appliance listed to the ANSI standard Z21.88-2005 and CSA-2.33-2005 for Vented Room Heaters, and CSA 2.17-M91, Gas-Fired Appliances For Use at High Altitudes.

The installation of the Dutchwest Natural Vent Room Heater must conform with local codes, or in the absence of local codes, with National Fuel Gas Code, ANSI Z223.1/NFPA 54 — latest edition and CSA B-149.1 Installation Code. (EXCEPTION: Do not derate this appliance for altitude. Maintain the manifold pressure at 3.5 inches w.c. for Natural Gas and 10 inches w.c. for LP gas at maximum input.)

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used.

Installation and replacement of gas piping, gas utilization equipment or accessories, and repair and servicing of equipment shall be performed only by a qualified agency, preferably NFI or WETT (Canada) certifieds. The term "qualified agency" means any individual, firm, corporation, or company that either in person or through a representative is engaged in and is responsible for (a) installation or replacement of gas piping, or (b), the connection, installation, repair, or servicing of equipment, who is experienced in such work, familiar with all precautions required, and has complied with all the requirements of the authority having jurisdiction.

The Dutchwest Natural Vent Room Heater should be inspected before use and at least annually by a qualified service agency. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean.

The Dutchwest Natural Vent Room Heater and its individual shutoff valve must be disconnected from the gas supply piping during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

The Dutchwest Natural Vent Room Heater must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig.

An accessible tap is located above the pilot/on-off knob for checking the inlet pressure.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

This appliance must be properly connected to a listed 4" (100mm) Type B venting system or to an approved masonry or factory-built chimney system. In Canada, a complete reline of Class A chimneys is required. This heater is equipped with a vent safety shutoff system.

This appliance must be properly connected to a venting system. WARNING: Operation of this heater when not connected to a properly installed and maintained venting system or tampering with the vent safety shutoff system can result in carbon monoxide (CO) poisoning and possible death.

This appliance is approved for bedroom installations in the U.S. and Canada.

This appliance may be installed in an aftermarket* manufactured (mobile) home, where not prohibited by state or local codes.

The Dutchwest Natural Vent Room Heater, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code ANSI/NFPA 70, (latest edition), or of the current Canadian Electrical Code C22.1.

Due to high temperatures this appliance should be located out of traffic and away from furniture and draperies.

WARNING: This appliance is hot while in operation. Keep children, clothing, and furniture away. Contact may cause burns or ignition of combustible materials.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable materials should not be placed on or near the appliance.

Any safety screen, glass or guard removed for servicing an appliance must be replaced prior to operating the appliance.

The appliance area must be kept clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

The flow of combustion and ventilation air must not be obstructed. The installation must include adequate accessibility and clearance for servicing and proper operation.

WARNING: Do not operate the Room Heater with the glass panel removed, cracked or broken. Replacement of the panel should be done by a licensed or qualified service person.

Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

Do not burn wood, trash or any other material for which this appliance was not designed. This appliance is designed to burn either natural gas or propane only.

This gas appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

Verify proper operation after servicing.

** **Aftermarket:** Completion of sale, nor for purpose of resale, from the manufacturer.*

Proposition 65 Warning: Fuels used in gas, woodburning or oil fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

California Health & Safety Code Sec. 25249.6

Dutchwest Natural Vent Gas Heater Dimensions

See Page 5 for Flue Collar Centerline Dimensions.

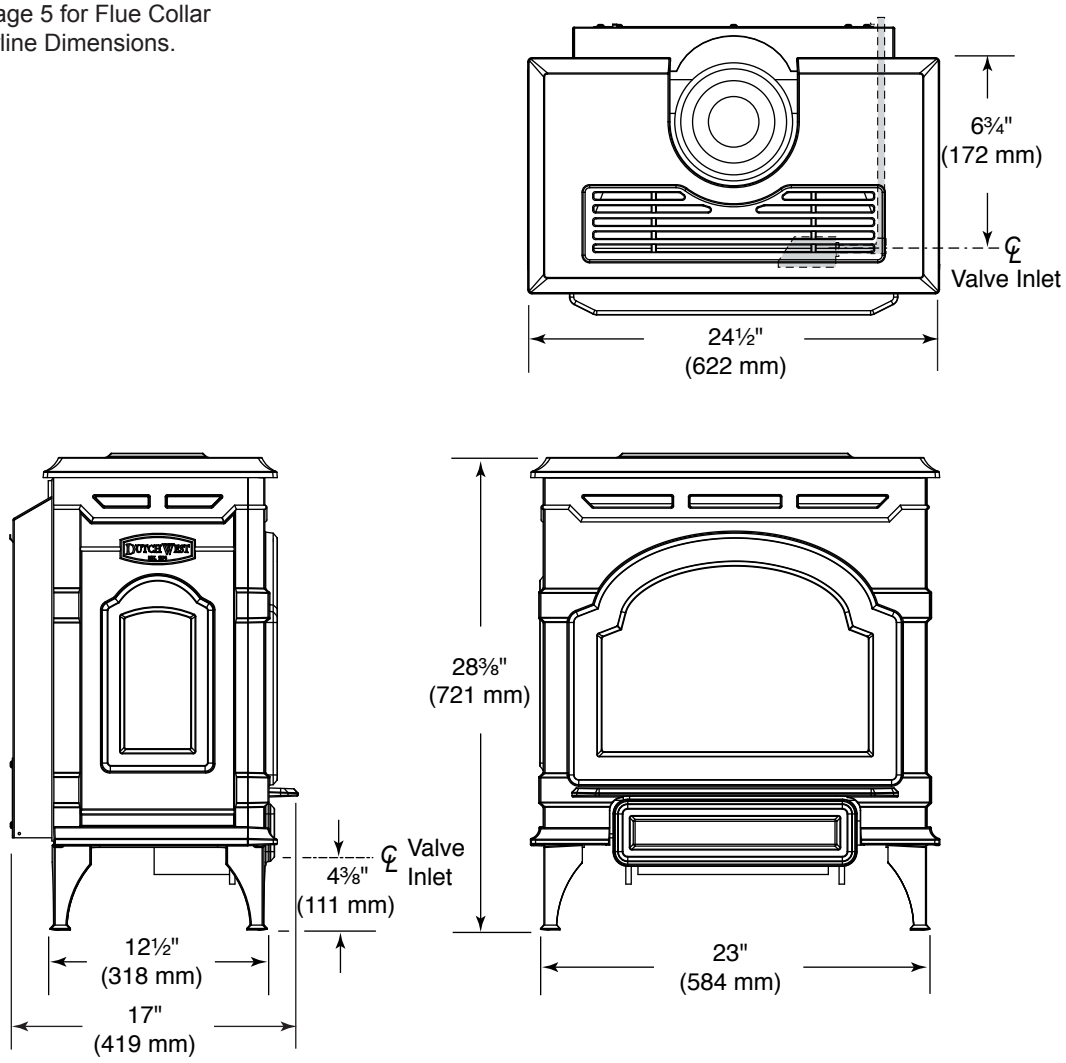


Fig. 1 Dutchwest dimensions.

Clearance Requirements

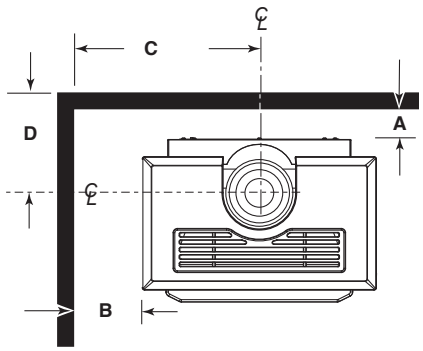
Minimum Clearances to Combustible Materials

Measure side clearances as shown in Figures 2 through 5 from the outer edge of the cast iron stove top. Measure rear clearances from the outermost surface of the sheet metal rear skirt.

The Dutchwest heater is approved for installation into an alcove constructed of combustible materials to the dimensions and clearances shown in Figure 5.

The same clearances apply in a standard parallel installation.

Parallel Installation: Minimum Clearance and Flue Centerline

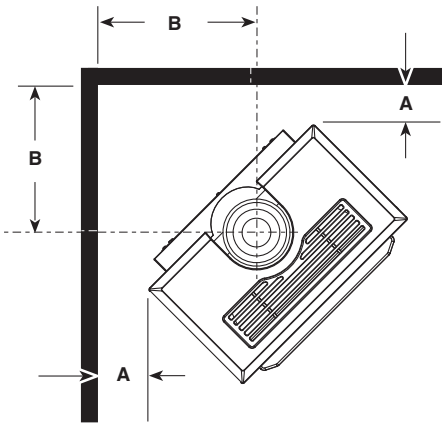


Stove Clearances	A: 5” (125mm)
	B: 4” (102mm)
Pipe Centerlines	C: 16” (406mm)
	D: 9¼” (235mm)

ST128c

Fig. 2 Parallel installation requirements.

Corner Installation: Minimum Clearance and Flue Centerline

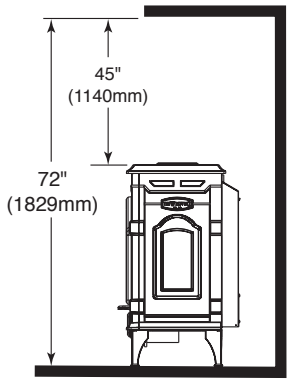


Stove Clearance	A: 4” (102mm)
Pipe Centerline	B: 17” (432mm)

ST129c

Fig. 3 Corner installation requirements.

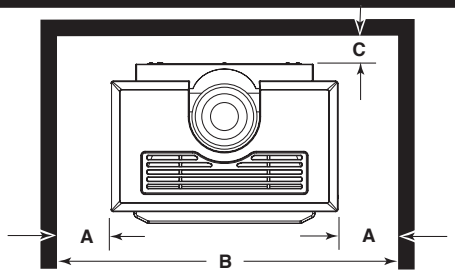
Ceiling Clearances



ST774

Fig. 4 Minimum ceiling clearance; minimum alcove height.

Alcove Minimum Dimensions



A: 4” (102mm) B: 33” (838mm) C: 5” (125mm)

ST775

Fig. 5 The Dutchwest Natural Vent Stove is approved for installation into alcoves built of combustible materials.

Hearth Requirements

The Dutchwest Heater must be installed on rigid flooring. When the heater is installed directly on any combustible surface other than wood flooring, a metal or wood panel extending the full width and depth of the unit must be used as the hearth. There are no other hearth requirements.

WARNING:

- **Always maintain required clearances (air spaces) to nearby combustibles to prevent fire hazard. Do not fill air spaces with insulation. All venting components must maintain a 1” (25 mm) clearance to combustible materials. Maintain a 6” (152 mm) clearance when using single wall pipe.**
- **The gas appliance and vent system must be vented directly to the outside of the building and never be attached to a chimney serving a separate solid fuel or gas-burning appliance.**
- **Refer to the manufacturer’s instructions included with the venting system for complete installation procedures.**

Gas Specifications

Model	Fuel	Gas Control	Max. Input BTU/h	Min. Input BTU/h
2467	Nat	Millivolt	28,000	20,000
2468	Prop	Millivolt	28,000	19,000

Weight: Fully assembled 350 lbs.

Gas Inlet and Manifold Pressures

	Natural	LP (Propane)
Inlet Minimum	5.5” w.c.	11” w.c.
Inlet Maximum	14” w.c.	14” w.c.
Manifold Pressure	3.5” w.c.	10” w.c.

Dutchwest Natural Vent Certified to:

ANSI Z21.88-2005 / CSA Z2.33-2005 Vented Gas Fireplace Heaters

The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 - latest edition. (EXCEPTION: Do not derate this appliance for altitude. Maintain the manifold pressure at 3.5” w.c. for Natural Gas and 10” w.c. for Propane.)

High Elevations

Input ratings are shown in BTU per hour and are certified without deration for elevations up to 4,500 feet (1,370m) above sea level.

For elevations above 4,500 feet (1,370m) in USA, installations must be in accordance with the current ANSI Z223.1/NFPA 54 and/or local codes having jurisdiction.

In Canada, please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4,500 feet (1,370m).

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency, or the gas supplier.

Venting Requirements and Options

The Dutchwest must be properly connected to a listed 4” (102 mm) Type B venting system or to an approved Class A masonry or factory-built chimney system. In Canada, a complete relining of Class A chimney systems is required.

The Dutchwest Natural Vent stove will accept decorative 6” (150mm) stove pipe around the Type B venting system, for aesthetic purposes.

Complete Type B vent systems are available from a number of manufacturers, and your dealer can usually supply one. Pipe sections from different makers are not interchangeable; do not mix pipe or vent sections from different makers. Follow the vent system manufacturer’s instructions.

The vent system should conform to the specifications of the National Fuel Gas Code, latest edition.

If connecting to a Class A chimney system, use 4” (102 mm) single wall or 4” Type B vent connector. Single wall vent connector requires a minimum 6” (152 mm) clearance to combustible surfaces.

Exterior chimneys may be subject to flow reversal or condensation. To lessen these conditions, enclose Type B vents in an insulated chase, or reline exterior Class A chimneys.

An approved pass-through device is always required, whether the vent system passes through a wall or a ceiling. Use a pass-through device from the same maker who supplies the venting system.

Venting terminals shall not be recessed into a wall or siding.

Vent Layout and Height Requirements

Venting for a Dutchwest can rise vertically through the home, or can pass through an exterior wall and rise along the outside of the home. Some codes require that a Type B vent system rising on the outside of the home be enclosed in a chase. Check your local codes for requirements.

The minimum vent system height for the Dutchwest Natural Vent Stove is 8’ (2.43 m), (Fig. 7) measured from the top of the stove. To determine the minimum height the vent system must extend through or past the roof, refer to the 1993 edition of the National Fuel Gas Code.

Passing Through a Combustible Wall or Ceiling

An approved pass-through device is always required when a vent passes through a combustible wall or ceiling. Check with the maker of the vent system for the correct listed devices that are available. A listed pass-through device is required whether or not the installation includes decorative pipe around the Type B venting system. **NOTE:** It is essential to seal between the ceiling support (sometimes called a 'firestop spacer') and the decorative pipe, if installed, with a high-temperature silicone sealant. (Fig. 6)

Complete the venting system installation according to the manufacturer's instructions.

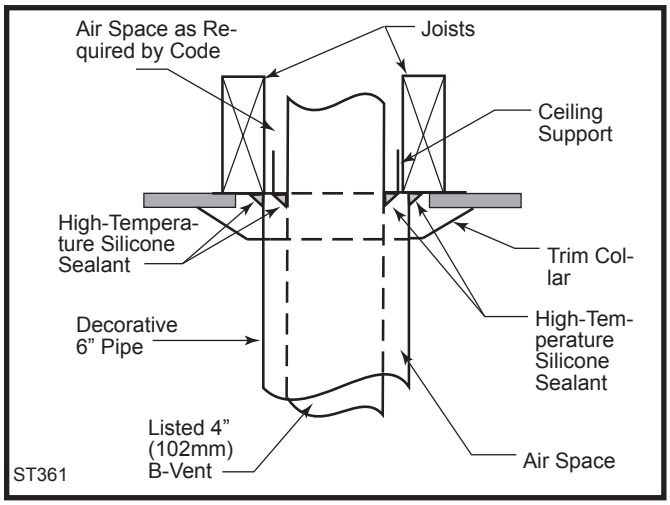
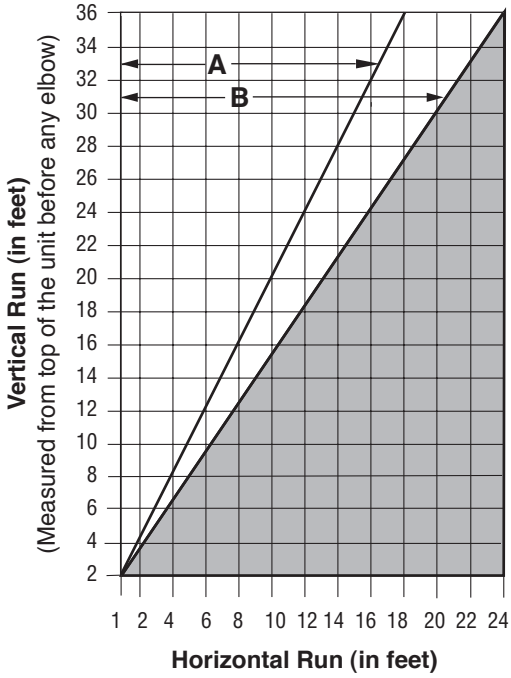


Fig. 6 A ceiling pass-through, with decorative pipe around the vent.

Venting Requirements



Venting Runs

NOTE: When venting staight vertical, without an elbow, a minimum of 8 ft. vertical is required off the top of the stove.

☐ = Acceptable venting configuration

■ = Unacceptable venting configuration

A: Vertical installations up to 36 feet (12m) in height. Up to an 18 ft. horizontal vent run can be installed within the vent system using a maximum of two 90-degree elbows or four 45-degree elbows.

B: Vertical installations up to 36 feet (12m) in height. Up to a 24 ft. horizontal vent run can be installed within the vent system using a maximum of two 45-degree elbows. (Ratio = 2/3, Hor./Vert.)

FP567b

Fig. 7 Vent termination window.

Install the Optional Fan

1. The fan kit includes a blower assembly and a rheostat assembly, connected by a cable. The blower assembly mounts to the bottom rear of the stove, and the rheostat mounts to the left side of the valve. The assembly includes a 'snapstat' which automatically turns the fan ON (or OFF) above (or below) approximately 109°F. The rheostat also provides a range of fan speed settings from Off (which overrides the snapstat function) to High. Unpack and inspect the blower assembly. Confirm that the fan spins freely.
2. Attach the fan assembly to the bracket provided in the log box. Use #10 sheet metal screws provided with fan kit. Do not remove finger guard screws. (Fig. 8)

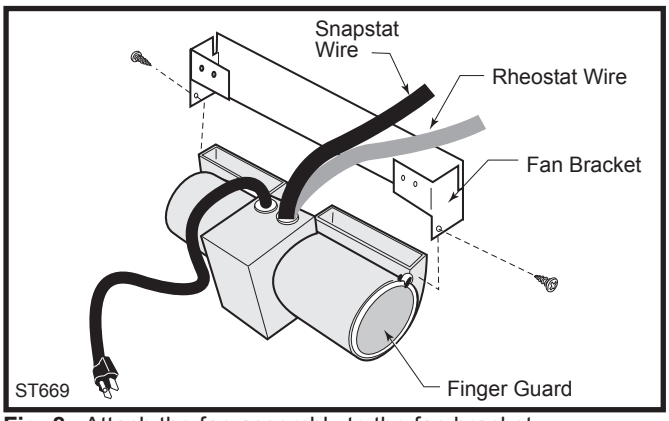


Fig. 8 Attach the fan assembly to the fan bracket.

3. Connect snapstat leads. Disconnect the snapstat module from the leads inside the snapstat bracket. (Fig. 9) Bend open the snapstat bracket. Use needle nose pliers to remove the black plastic grommet from the bracket. Discard the bracket. Connect the two wires to the two snapstat extension leads provided with the parts bag (wires with the sleeve).

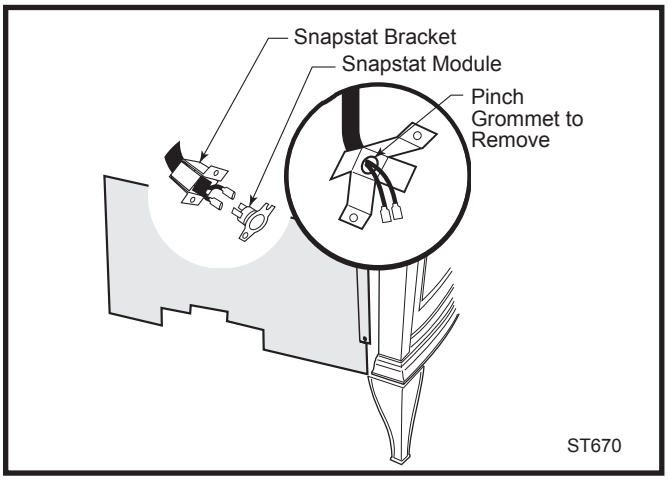


Fig. 9 Remove the snapstat and grommet from the bracket

4. Disassemble the inner shroud from the outer shroud by removing the four screws, two on each side.
5. Place the grommet provided in the manual bag assembly on the inner shroud. Run the snapstat extension assembly leads through the grommet toward the firebox. (Fig. 10)

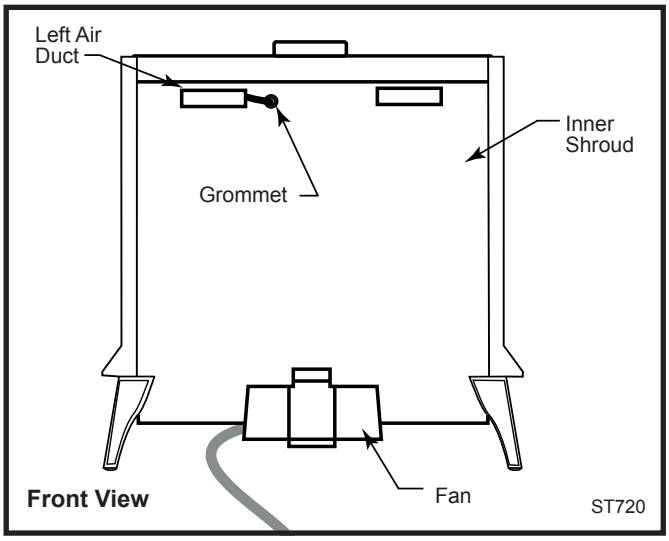


Fig. 10 Attach snapstat wire assembly to inside of inner shroud with clamp screws.

6. Assemble the inner shroud to the outer shroud using previously removed screws.
7. Position the fan assembly so the ducts slide between the inner and outer shroud. The inner shroud should engage with the two slots in the ends of the bracket so the bracket and shroud are interlocked. (Fig. 11) Secure the bracket with the four sheet metal screws provided in the finish bag.
8. Install the snapstat by loosening the front screw on the inner side of the duct. (Fig. 12) Slide the snapstat under the head of the screw and tighten. Connect the leads to the snapstat. Make sure the snapstat assembly is mounted straight front to back.

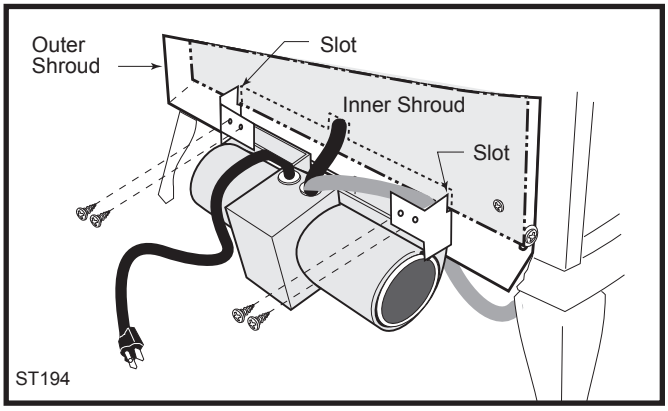


Fig. 11 Position the fan to engage the inner shroud with the fan bracket slots and secure with sheet metal screws.

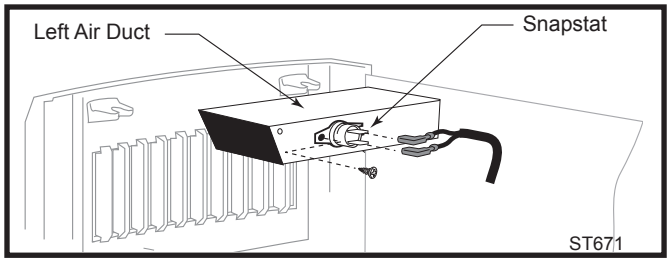


Fig. 12 Install the snapstat and connect the extension wire terminals. View is with top removed, however, access is available through the rear when installing fan before gas line connection.

9. After sliding the firebox in place, the rheostat control switch attaches to the left side of the valve bracket at the front of the stove. (Fig. 13)
   - Remove retaining nut from shaft of rheostat. (if preinstalled)
   - Insert the rheostat through the hole in the back of the left side of the valve bracket, aligning the locator pin with the smaller hole in that bracket.
   - Thread the retaining nut onto the shaft of the rheostat, tightening with a wrench. Do not overtighten.
   - Attach the control knob to the rheostat shaft.
   - Use the wire tie to secure the fan and rheostat wire harnesses together.
10. Plug the power cord into a standard grounded 110 volt household outlet. If the fan control knob is not turned to the OFF position, the fan will turn on when the temperature at the snapstat reaches approximately 109°F.

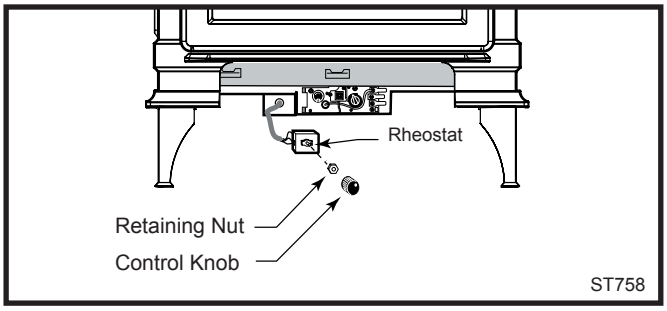


Fig. 13 Attach rheostat to left side of valve.

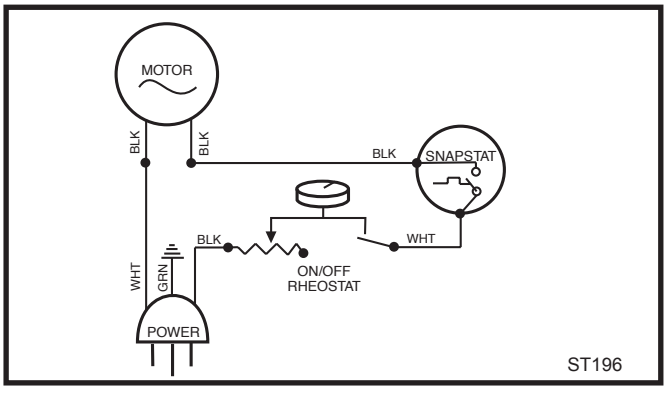


Fig. 14 #2767 / FK26 fan wiring diagram.

Venting System Assembly

The venting collar is on the sheet metal draft hood/heat exchanger assembly, over the firebox. Use a B-vent adapter, from the same maker as the rest of the B-vent components, to join the first section of venting to the draft hood.

The stove includes a spill switch. Operating this stove when not connected to a properly installed and maintained venting system, or tampering with or disconnecting the spill switch, can result in carbon monoxide (CO) poisoning and possible death.

The stove includes a bracket for installing decorative 6" (150mm) round stove pipe around the B-vent, for appearance purposes only. The decorative pipe need not be concentric with the vent pipe.

If the installation includes decorative stove pipe around the venting system, make a cardboard template of the decorative pipe by tracing its circumference. Put this template in the flue recess in the stove top. Position the template to fit well against the front of the recess. (Fig. 16) Use this template to locate the bracket to hold the decorative pipe. Depending on spacing, the bracket may fit inside the decorative pipe without interfering with the vent system. Fasten the bracket to the draft hood/heat exchanger assembly with a sheet metal screw.

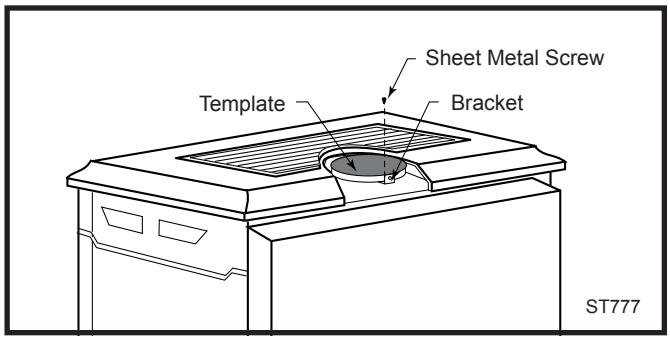


Fig. 16 Use a template to locate the bracket for decorative pipe to surround the B-vent pipe.

Insert the B-vent adapter into the flue collar and drill 1/8" (3mm) pilot holes through both the stove's collar and the adapter. Attach the adapter to the flue collar with sheet metal screws. (Fig. 17)

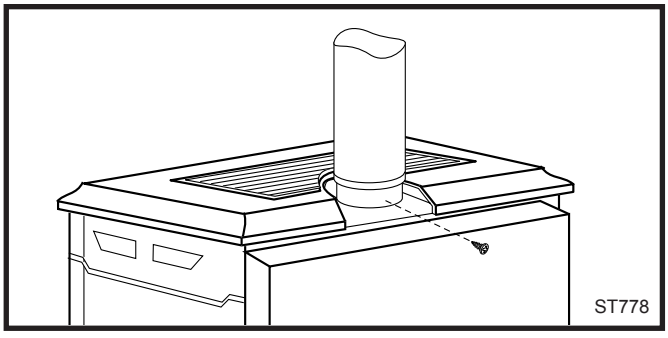


Fig. 17 Attach the B-vent adapter to the flue.

Attach the first section of venting to the B-vent adapter. Depending on the length of the individual venting sections and the lengths of the decorative pipe, you may need to slip the decorative pipe over the venting sections before attaching upper sections to lower ones. The sections of decorative pipe should be oriented with their seams (if any) toward the wall; sections usually do not need to be fastened at each joint, other than slip sections. The decorative pipe need not be fastened to the locating bracket on the stove. If the layout includes a slip section, this should be the last section of pipe visible in the room at the ceiling. Refer to Page 7, Figure 6 for details on joining the decorative pipe at the ceiling.

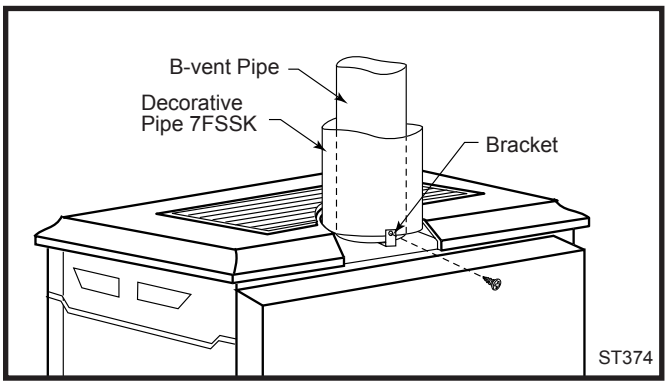


Fig. 18 Install decorative pipe over the B-vent pipe.

Connect the Gas Supply Line

Check the Rating Plate attached by a steel cable to the firebox, to confirm that you have the appropriate firebox for the type of fuel to be used. The Dutchwest may be converted from one gas to another using the appropriate Fuel Conversion Kit listed on Page 23.

CAUTION

This appliance should only be connected by a qualified gas technician. Test to confirm manifold pressures as specified below.

The Dutchwest Heater and its individual shutoff valve must be disconnected from the gas supply piping during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

The Dutchwest Heater must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressure equal to or less than 1/2 psig.

There must be a gas shutoff between the stove and the supply.

In order to connect Natural Gas, use a fitting with 3/8" NPT nipple on the valve side and 1/2" natural gas supply line with an input of 28,000 BTUs at a manifold pressure of 3.5" and a minimum inlet supply pressure of 5.5" w.c.

In order to connect Propane, use a fitting with 3/8" NPT nipple on the valve side and 1/2" propane gas supply line with an input of 26,000 BTUs at a manifold pressure of 10.0" and a minimum inlet supply pressure of 11.0" w.c.

In the U.S.; Gas connection should be made in accordance with current National Fuel Gas Code, ANSI Z223.1/NFPA 54. Since some municipalities have additional local codes, be sure to consult you local authority.

In Canada; consult the local authority and CSA-B149.1 installation code.

Connect the gas supply and test for leaks. Use a 50/50 solution of liquid soap and water to test for leaks at gas fittings and joints. Apply water/soap solution with brush only - do not over apply. **NEVER test with an open flame.** Light the pilot according to the directions on Page 14, before going to the next step.

Burner Information

The appliance must only use the gas specified on the rating plate, unless converted using a CFM Corporation Fuel Conversion Kit. Refer to Page 23 for the correct Fuel Conversion Kit for your model.

Conversion instructions are provided with each kit and beginning on Page 16 in this manual.

THIS APPLIANCE SHOULD BE CONNECTED TO THE GAS SUPPLY ONLY BY A QUALIFIED GAS SERVICE TECHNICIAN. FOLLOW ALL LOCAL CODES.

THERE MUST BE A GAS SHUT-OFF BETWEEN THE STOVE AND THE SUPPLY.

In order to connect Natural Gas, use a fitting with 3/8" NPT nipple on the valve side and 1/2" natural gas supply line with an input of 28,000 BTUs at a manifold pressure of 3.5" and a minimum inlet supply pressure of 5.5" w.c.

In order to connect Propane, use a fitting with 3/8" NPT nipple on the valve side and 1/2" propane gas supply line with an input of 26,000 BTUs at a manifold pressure of 10.0" and a minimum inlet supply pressure of 11.0" w.c.

Install ON/OFF Switch

The switch assembly parts are found in the parts bag.

1. Attach switch assembly to left rear side of stove shroud (when facing shroud) using two screws and existing holes in shroud. (Fig. 19)
2. Run wires down back of stove, under bottom of rear shroud to valve.
3. Attach wires to valve terminals. (Fig. 20)

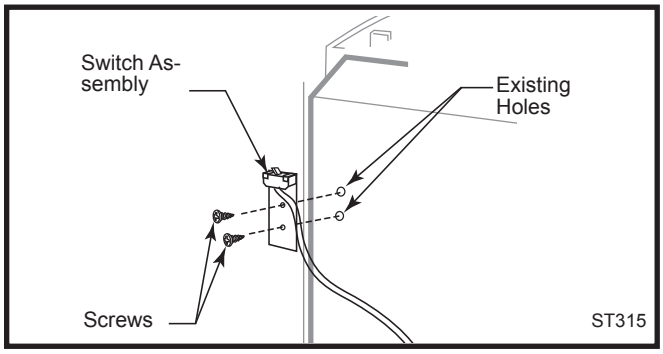


Fig. 19 Attach switch assembly to rear shroud.

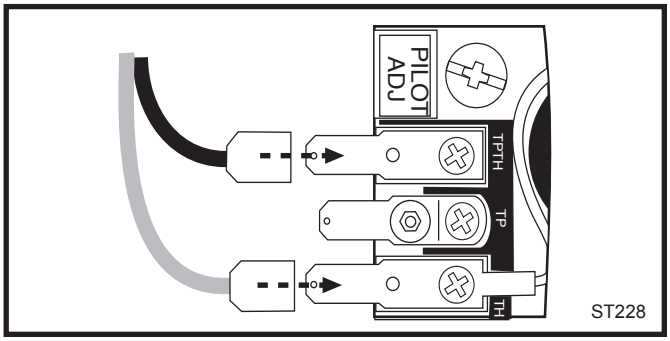


Fig. 20 Attach switch wires to valve.

Thermostat Connection (optional)

Use only a thermostat rated for 500 - 750 millivolts.

Check the table below for the appropriate gauge thermostat wire to use for the length of lead required in your installation.

Thermostat Wire / Gauge	Maximum Run
18	40 feet
20	25 feet
22	16 feet

1. Install the wall thermostat in the desired location and run the wires to the stove location. Terminate these leads with 1/4" female connectors.
2. Connect the thermostat wires to the valve. (Fig. 20)

Install the Log Set

1. Remove the logs from their packaging, and inspect each piece for damage. **DO NOT INSTALL DAMAGED LOGS.**
2. Install the rear log centering it side to side on the sheet metal shelf at the back of the firebox. (Fig. 21) The log will touch both sides and the back wall of the firebox.
3. Install the right log by engaging hole on bottom with pin on the rear log. (Fig. 21) Then set right bottom side on the burner so the edge of the log touches the right side of the firebox. The right log does not use the locator pins on the burner to stay in place.
4. Install the left log by engaging hole on bottom with pin on rear log. (Fig. 21) Then set left bottom side on the burner so the edge of the log touches the left side of the firebox.
5. Loosely sprinkle the lava rocks directly on top of the burner in front of and between the decorative grate and the right and left logs. Use the lava rock to cover brackets on the burner. (Fig. 22)

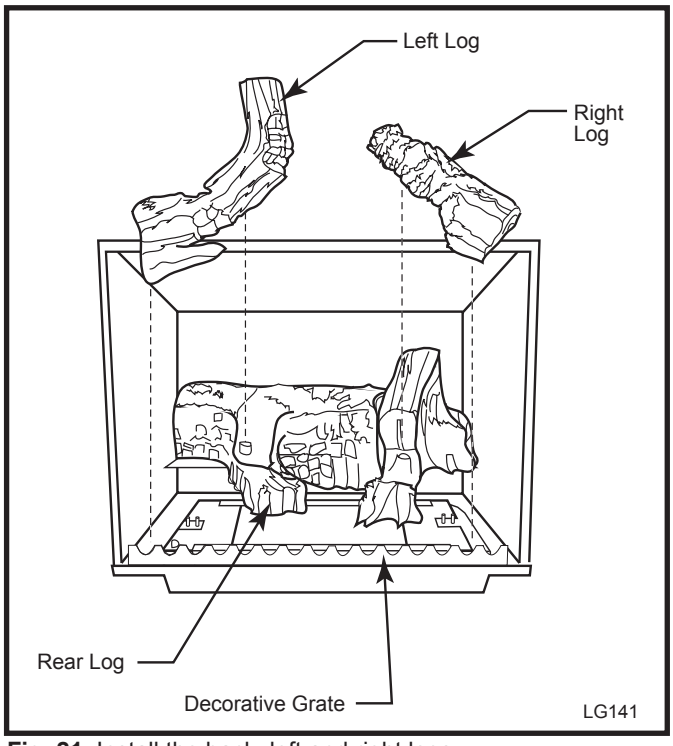


Fig. 21 Install the back, left and right logs.

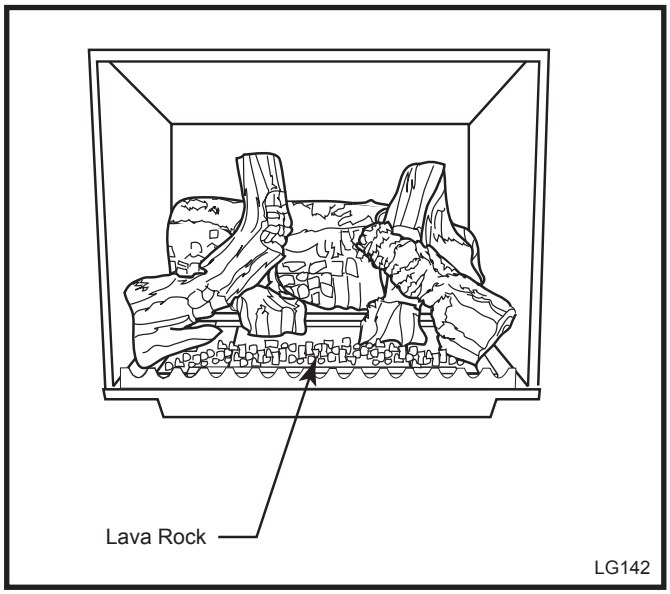


Fig. 21 Completed log installation.

Install the Stove Front

Insert the handle stub into the hole in the front casting. Fasten in place with the 3/8” locking nut provided. (Fig. 23)

The front attaches to the stove by four steel tabs that engage with corresponding cast ribs onto the sides and bottom of the stove body. Position the front about 3” down from stove top and lift the plate to engage the upper tabs behind the adjacent ribs on the sides. (Fig. 24) Then lower the front into position, so the lower tabs engage with the corresponding ribs at the bottom.

When properly installed, the bottom of the stove front cannot be pulled away from the sides without also lifting it.

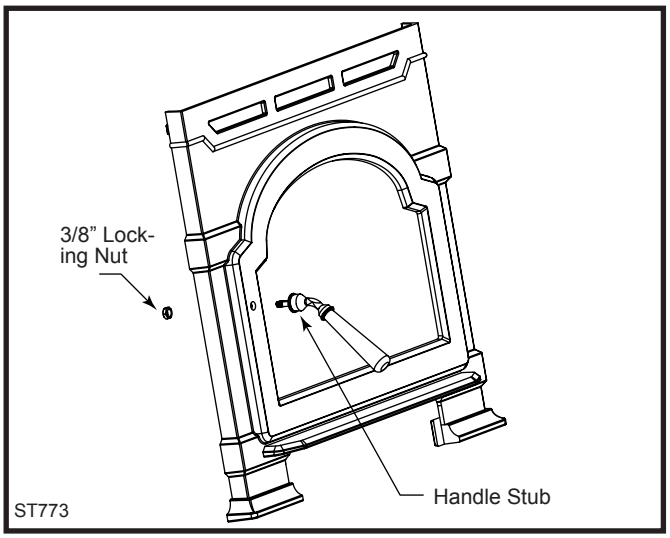


Fig. 23 Insert handle stub into hole in front. Secure with 3/8” locking nut.

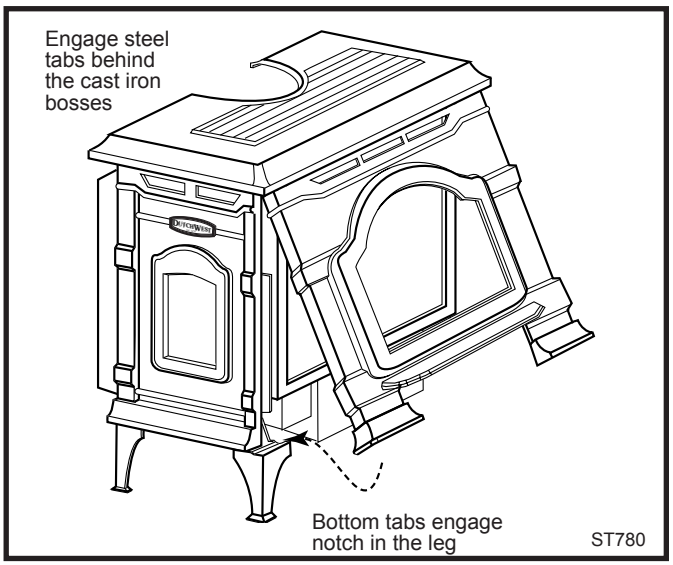


Fig. 24 Install the front plate.

Operation

Your First Fire

Read these instructions carefully and familiarize yourself with the burner controls. Locate the pilot assembly, Figure 25. Follow the lighting instructions on Page 14 exactly.

During the first fire, it is not unusual to smell some odor associated with new logs, paint and metal being heated. Odors should dissipate within an hour or so, however, you can open a window to provide fresh air to alleviate the condition.

Pilot and Burner Inspection

Each time you light your heater check that the pilot flame and burner flame patterns are as shown in Figures 26 and 27. If flame patterns are incorrect, turn the heater off. Contact your dealer or a qualified gas technician for assistance. Do not operate the heater until the pilot flame is correct.

Follow regular maintenance procedures as described on Page 19.

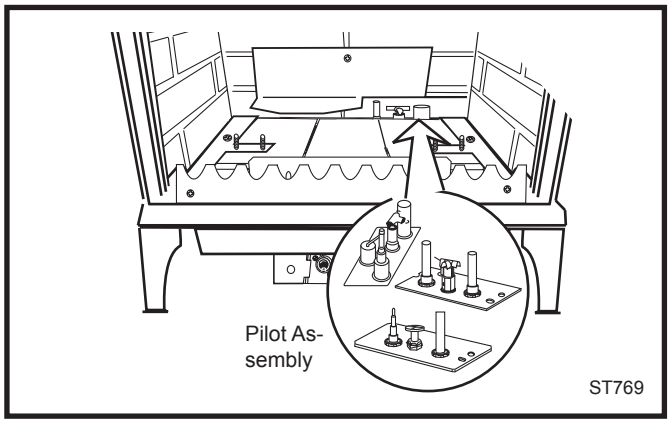


Fig. 25 Pilot Assembly location.

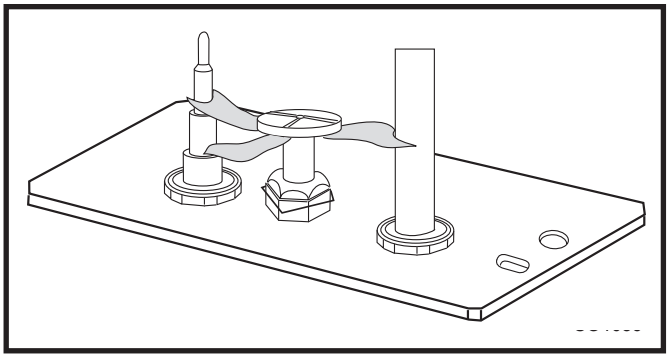


Fig. 26 Correct pilot flame pattern.

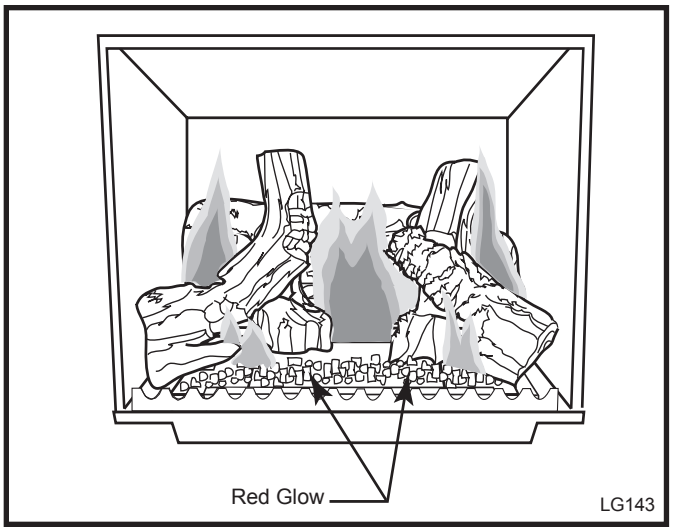


Fig. 27 Correct burner flame pattern.

Lighting and Operating Instructions

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING:If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This heater has a pilot which must be lit manually. When lighting the pilot follow these instructions exactly.

B. BEFORE LIGHTING smell all around the heater area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

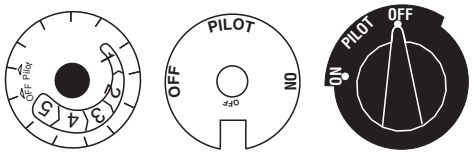
- Do not try to light any fireplace
- Do not touch any electric switch
- Do not use any phone in your building
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the Fire Department

C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, do not try to repair it, call a qualified service technician. Applying force or any attempted repair may result in a fire or explosion.

D. Do not use this fireplace if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.

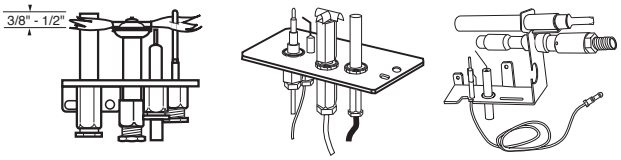
Lighting Instructions

1. **STOP!** Read the safety information above.
2. Turn off all electrical power to the fireplace.
3. For MN/MP/TN/TP appliances ONLY, go on to Step 4. For RN/RP appliances turn the On/Off switch to "OFF" position or set thermostat to lowest level.
4. Open control access panel.
5. Push in gas control knob slightly and turn clockwise ↷ to "OFF".



Euro SIT **SIT NOVA** **Honeywell**

6. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above. If you do not smell gas, go to the next step.
7. Remove glass door before lighting pilot. (See Glass Frame Removal section).
8. Visibly locate pilot by the main burner.
9. Turn knob on gas control counterclockwise ↶ to "PILOT".
10. Push the control knob all the way in and hold. Immediately light the pilot by repeatedly depressing the piezo spark ignitor until a flame appears. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 8.



- If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
- If after several tries, the pilot will not stay lit, turn the gas control knob to "OFF" and call your service technician or gas supplier.

11. Replace glass door.
12. Turn gas control knob to "ON" position.
13. For RN/RP appliances turn the On/Off switch to "ON" position or set thermostat to desired setting.
14. Turn on all electrical power to the fireplace.

To Turn Off Gas To Heater

1. Turn the On/Off switch to Off position or set the thermostat to lowest setting.
2. Turn off all electric power to the fireplace if service is to be performed.
3. Open control access panel.
4. Push in gas control knob slightly and turn clockwise ↷ to "OFF". Do not force.
5. Close control access panel.

Troubleshooting / Honeywell #8420 Gas Control System

NOTE: Before troubleshooting the gas control system, be sure the external gas shutoff is in the "ON" position.
WARNING: REMOVE THE GLASS PANEL BEFORE PERFORMING ANY GAS CONTROL SERVICE WORK.

SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
1. Spark ignitor will not light	A. Defective or misaligned electrode at the pilot	Using a match, light [ilot. If pilot lights, turn off pilot and push the ignitor button again. If pilot will not light, check gap at electrode and pilot - it should be 1/8" to have a strong spark.
	B. Defective ignitor (push button)	Push piezo ignitor button. Check for spark at electrode and pilot. If there is no spark at the pilot, and electrode wire is properly connected, replace ignitor.
2. Pilot will not stay lit after carefully following the lighting instructions	A. Defective pilot generator (thermocouple)	Check pilot flame. It must impinge on the thermocouple or thermopile. NOTE: This pilot burner assembly uses both a thermocouple adn a thermopile. The thermocouple operates the pilot flame. Tighten the thermocouple. The thermopile operates the main valve. (ON and OFF) Clean and/or adjust pilot for maximum flame impingement on thermocouple and thermopile.
	B. Defective automatic valve operator	Turn valve knob to "Pilot". Maintain flow to pilot; millivolt mete should read greater than 10mV. If the reading is okay and the pilot does not stay on, replace the gas valve. NOTE: An interrupter block (not supplied) must be used to conduct this test.
	C.Defective safety switch	Check the continuity accross the safety limit switch with the unit cold. If there is no continuity, the safety switch needs to be replaced.
3. Pilot lights, no gas to burner, valve knob ON, remote switch (rocker switch) ON	A. Remote switch or wires defective	Check rocker switch and wires for proper connection Use jumper wires across terminals at rocker switch. If burner lights, replace rocker switch. If okay, use jumper wires across rocker switch wires at the valve. If burner lights, wires are faulty or connections are bad.
	B. Thermopile may not genate sufficient voltage	1. Be sure wire connecitons from thermopile at gas valve terminals are tight and thermopile is fully inserted into pilot bracket. 2. One of the rocker switch wires may be grounded Remove rocker switch wire form valve termianls. If burner now stays lit, trace rocker switch wiring from ground. It may be grounded to the appliance of the gas supply line. 3. Check the thermopile with a millivolt meter. Take reading at thermopile ("TP" and "TP/TH") terminals of gas valve. Should read 325 millivolts minimum while holding valve knob depressed in PILOT position and with rocker switch OFF. Replace faulty thermopile if reading is below specified minimum.
	C. Plugged burner orifice	Check burner orifices for debris, and remove.
	D. Defective automatic valve operator	Turn knob to ON, place rocker switch to ON. Millivolt meter should read greater than 10mV. If the reading is okay and the burner does not light, replace the valve.
4. Frequent pilot outage	A. Pilot flame may be too low or high, (blowing or lifting). causing the pilot to drop out B. Possible blockage of the vent terminal	Clean and/or adjust pilot flame for maximum flame impingement on thermocouple and thermopile. Check the vent termianl for blockage.

Fuel Conversion Instructions

WARNING! This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

CAUTION: The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.

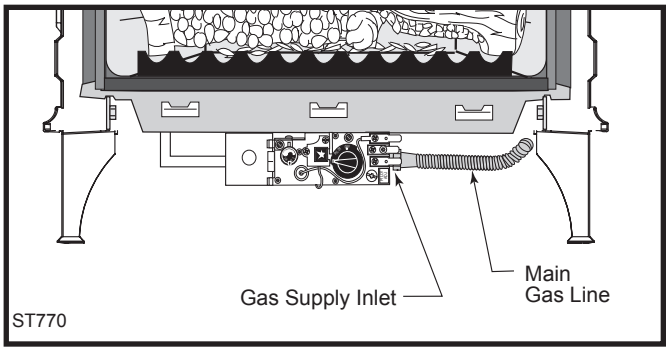


Fig. 28 Attach the gas line to the left side of the valve.

Conversion Precautions

Conversion must be completed only by qualified personnel. Before proceeding, turn control knob on valve to **"OFF"** and turn gas supply OFF. Turn OFF any electricity that may be going to the appliance. **CAUTION:** Allow stove to cool completely before beginning conversion.

Conversion Procedure

1. Remove stove front. Lift stove front up and then swing bottom out and away to disengage from the stove body. (Page 19, Fig. 36)
2. Swing open the swiveling latches at the top left and right corners of the glass frame. (Page 20, Fig. 37)
3. Pull the top edge of the glass and frame assembly away from the firebox face. Place the assembly out of the way on a flat, padded surface such as a counter protected by a towel.

Burner Orifice Conversion

4. Remove the logset from the firebox.
5. Remove the rear log bracket by loosening the screw and sliding the bracket up. **CAUTION:** Do not remove the screw completely. It would be very difficult to replace it. (Fig. 29)

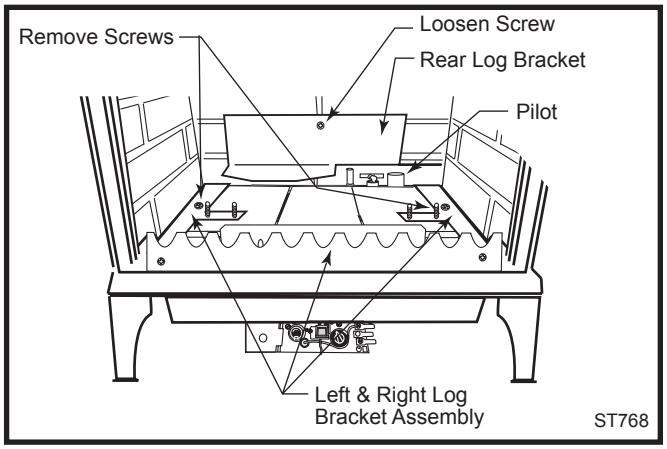


Fig. 29 Remove rear log bracket and left and right log bracket assembly.

6. Remove the right and left log bracket assembly by unfastening the two screws which hold the burner in place. (Fig. 29)
7. Hold the burner at the right hand side and lift to clear the right burner leg. Then pull to the right to clear the injectors on the left hand side.
8. Remove injector orifices from left burner leg using 1/2" wrench. (Fig. 35)
9. Install conversion orifices. (Refer to Table 2)

Honeywell Valve

1. Remove cap from Hi-Lo knob. This can be accomplished by lifting the plastic cap off the screw. (Fig. 50)
2. Remove the screw from center of Hi-Lo knob with small screwdriver turning counterclockwise. (Fig. 50)
3. Insert blue painted screw when converting to natural gas and red painted screw when converting to LP.
4. Tighten screw (do not over tighten), replace cap.

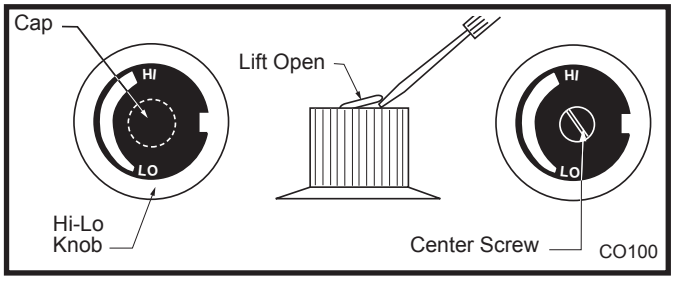


Fig. 30 Remove center screw from Hi-Lo knob.

SIT 820 Valve

1. Using TORX T20 bit, remove and discard the three (3) pressure regulator mounting screws (A), pressure regulator tower (B) and the spring and diaphragm assembly (C). (Fig. 31)

2. Insure the rubber gasket (D) is properly positioned and install the new HI/LO pressure regulator assembly to the valve using the new screws (E) supplied with the kit. Tighten the screws securely. (Ref. torque = 25 in/lb) (Fig. 32)
3. Install the enclosed conversion label (F) to the valve body where it can easily be seen. (Fig. 32)

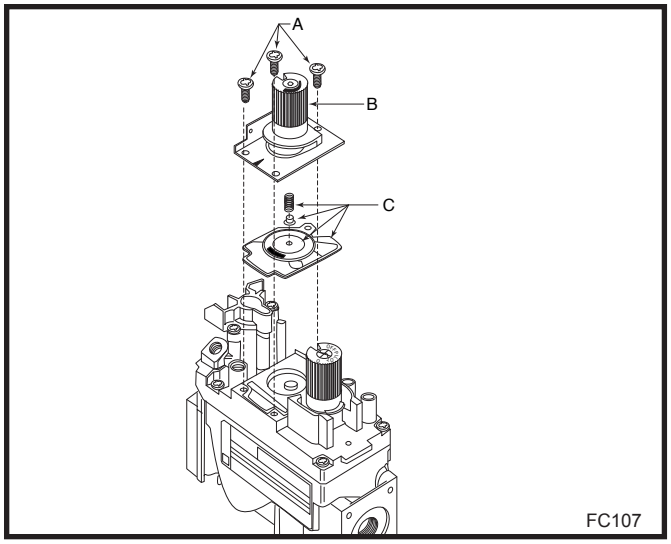


Fig. 31 Remove mounting screws, pressure regulator tower and spring and diaphragm assembly.

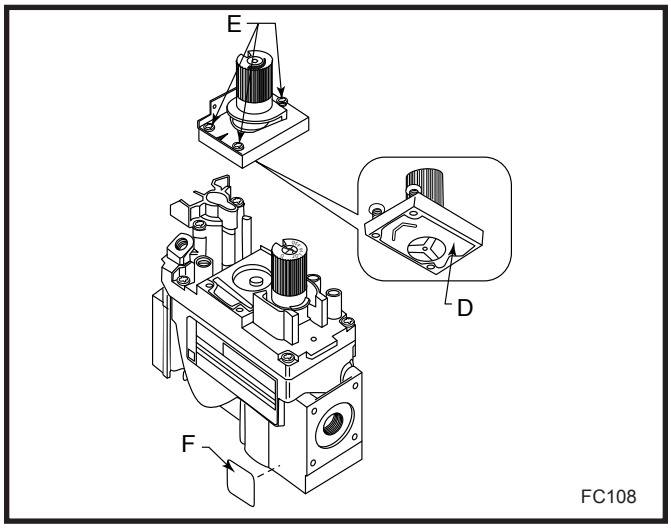


Fig. 32 Replace regulator.

Pilot Orifice Conversion

14. Locate pilot. (Fig. 29)
15. Replace pilot orifice.

    • Remove pilot hood by lifting up. (Fig. 33) **NOTE:** It is not necessary to remove the pilot tube for conversion.

    • Remove pilot orifice with allen wrench. (Fig. 34)

    • Install the conversion orifice.

    • Reinstall pilot hood. Be sure to align hood with index tab.

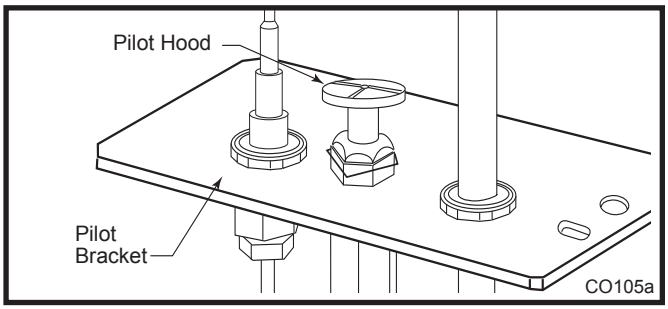


Fig. 33 Remove pilot hood.

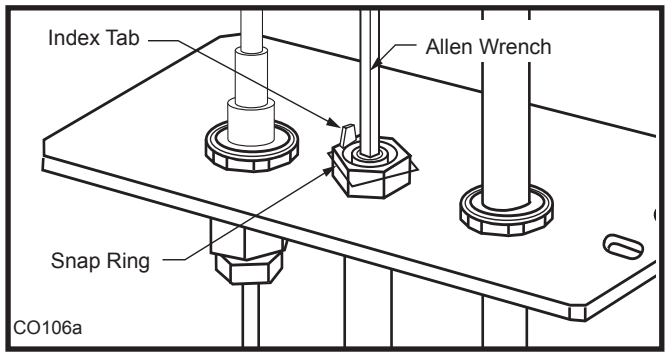


Fig. 34 Remove pilot orifice.

16. Adjust air shutter on the burner. The air shutter is located on the bottom of the burner on the left. (Fig. 35) Loosen the two nuts holding the shutter in place. On natural gas units, the shutter is shipped fully closed. To convert to LP, reset the shutter as specified in Table 2. (Fig. 36) On propane unit the shutter is set at 1/8” or 3/8” opening depending on rating plate serial number. To convert to natural gas, the shutter should set to fully closed. Refasten the two nuts.

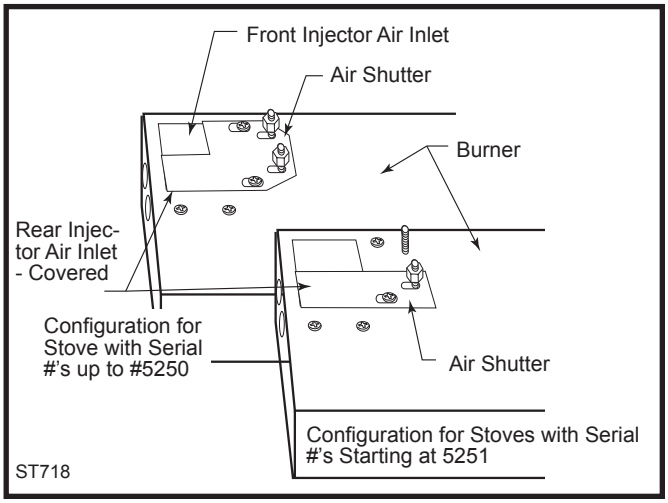

Front Injector Air Inlet
Air Shutter
Burner
Rear Injector Air Inlet - Covered
Configuration for Stove with Serial #’s up to #5250
Air Shutter
Configuration for Stoves with Serial #’s Starting at 5251
ST718

Fig. 35 Natural gas air shutter setting.

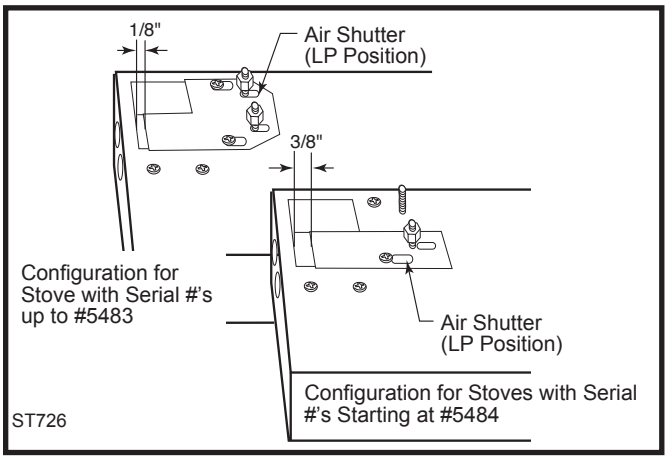


Fig. 36 LP air shutter settings.

NOTE: Be sure burner leg remains at a 90° angle to firebox base after conversion.

17. Replace burner. Slide the burner in at an angle with left side lower than the right side. Slide the left side onto the injectors, making sure the burner leg remains at a 90° angle to the base. Lower the right hand side down in to place. Make sure the burner is as far left as possible and the injector shoulders are inside the burner.

NOTE: It is very critical to keep the left burner leg, which holds the injectors, at a 90° angel to the base. (Fig. 37) This keeps the orifices aligned with the tubes inside burner. Failure to do so could affect the flame appearance and performance of the unit.

18. Place conversion label on valve.
19. Reinstall the right and left log bracket assembly.
20. Replace logs.
21. Replace glass and stove front.
22. Check manifold pressure.

Conversion is complete.

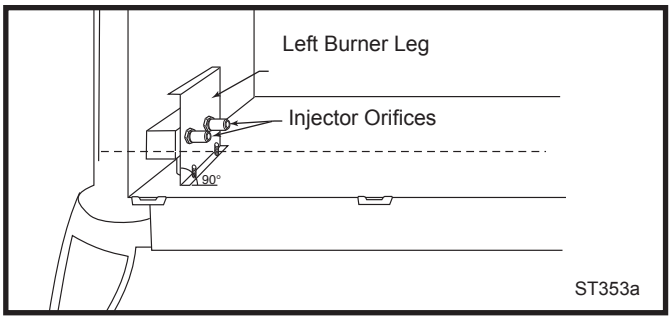


Fig. 37 Remove and replace injector orifices.

Table 2. Injector Orifice Size Matrix

Conversion to Natural Gas					Input (BTU/h)		Air Shutter
Kit #	Front	Part #	Rear	Part #	Minimum	Maximum	Setting
000-5021	#54 / .055”	20000130	#44 / .086”	30000334	19,000	28,000	Fully Closed
Conversion to LP					**Input (BTU/h)**		**Air Shutter**
Kit #	Front	Part #	Rear	Part #	Minimum	Maximum	Setting
000-5022	#69 / .029”	30000513	#54 / .055”	20000130	21,500	28,000	3/8” Open

Maintenance

Your Dutchwest Gas Heater will provide years of service with minimal upkeep. The following procedures will help ensure that your stove continues to function properly.

Annual System Inspection

Have the entire heater and venting system inspected annually by a qualified gas technician. Replace any worn or broken parts.

Logset and Burner / Cleaning and Inspection

Cleanliness is critical to the proper function of the heater. The logset and burner must all be kept free of dust and unobstructed by debris. Inspect these areas before each use and clean as necessary.

1. Turn the burner OFF and let the heater cool completely before cleaning.
2. Lift the Stove Front up and then swing the bottom out to disengage it from the heater shell. (Fig. 36)
3. Carefully remove the glass and frame assembly and place it out of the way on a flat, padded surface such as a counter protected by a towel.
4. Carefully inspect the Logs for damage. Contact your local dealer if any damage is evident. **DO NOT OPERATE THE HEATER WITH DAMAGED LOGS.**
5. Use a soft bristled brush to sweep dust or debris from the Logs, Pilot and Burner. Use care as the logs are fragile and susceptible to damage.
6. Replace the glass panel and frame assembly.
7. Replace the Stove Front.

Care of Cast Iron

An occasional dusting with a dry rag will help keep the *painted surfaces* looking new. Use high-temperature stove paints, available through your local dealer, to touch-up areas as needed. Clean areas to be painted with a wire brush and be sure to cover the logs, burner and valve assembly, glass and frame assembly. Apply the paint sparingly; two light coats of paint will give better results than a single heavy coat.

Clean *porcelain enamel surfaces* with a soft, damp cloth. Do not use abrasive cleaning agents. If necessary, use only a cleaning agent formulated especially for use on porcelain enamel surfaces.

CAUTION

TURN THE PILOT OFF BEFORE PAINTING. ALLOW THE HEATER TO COOL COMPLETELY BEFORE PAINTING.

Cleaning the Glass

WARNING: Let the glass cool completely before attempting to clean.

It will be necessary to clean the glass periodically. During start-up, condensation, which is normal, forms on the inside of the glass and causes lint, dust and other airborne particles to cling to the glass surface. Also, initial paint curing may deposit a slight film on the glass. It is therefore recommended that the glass be cleaned two or three times with a non-ammonia household cleaner and warm water (we recommend gas fireplace glass cleaner). After that the glass should be cleaned two or three times during each heating season depending on the circumstances present.

Clean glass after first two weeks of operation.

Glass Replacement

Replace glass only with CFM Corporation approved parts. Refer to Page 22 for Replacement Parts. Refer to Figure 38 and previous instructions for removal of the damaged glass frame.

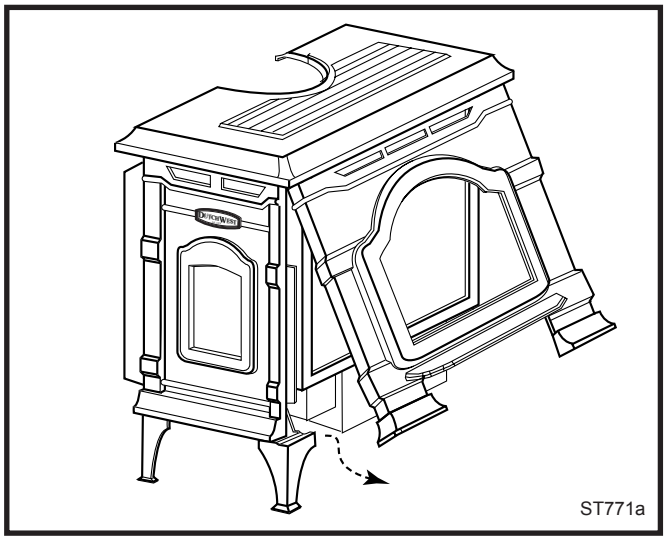


Fig. 38 Remove the Stove Front.

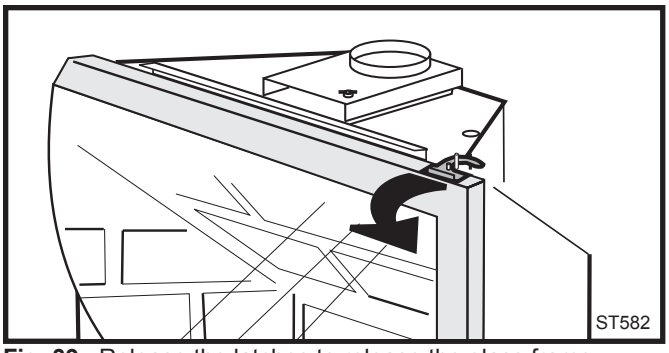


Fig. 39 Release the latches to release the glass frame.

Gasket Replacement

The Dutchwest Gas Heater uses a 'tadpole' type gasket to seal between the glass panel and the frame. In time, this gasket can become brittle and compressed and should be replaced. New gasket is available from your dealer.

Shut off the gas supply and allow the stove to cool. Wear safety goggles and a dust mask.

1. Remove the Front, Glass Frame and Glass Panel. (Figs. 36, 37) Remove the old gasket. Use a razor blade, with rounded corners, to separate the glass and gasket from the frame, and to clean the glass of any remaining cement or bits of gasket.
2. Determine the correct length of gasket by laying it out around the edge of the glass. Allow an extra 1 - 2" (25-50 mm). Mark the spot to be cut. Use a utility knife.
3. Starting on a long edge, remove about 6" of the protective paper strip and apply the flat adhesive face of the gasket around the outside-facing edge of the panel. Continue around the panel, applying about 6" at a time and being careful to not stretch the material. Do not overlap the gasket ends. (Fig. 40)
4. Apply a thin bead of high temperature silicone rubber sealant along the inside corner of the glass frame, all around the perimeter. Place the flat gasketed side of the glass panel back into the steel frame. Pinch the rounded inside-facing gasket material to bulk it up.
5. Replace the glass frame and front panel as previously described.

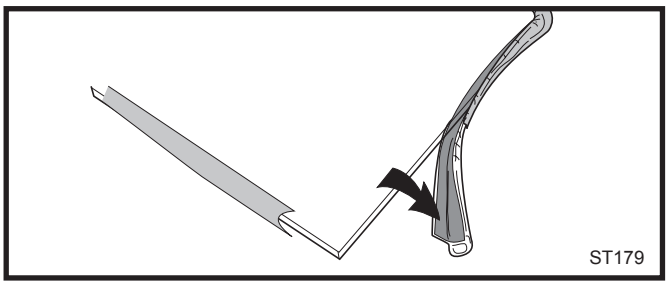


Fig. 40 Wrap the gasket material around the outside edge of the glass.

Inspect the Vent System Annually

Have the vent system inspected annually by a qualified technician. Shut off the main gas supply before inspecting the system. Both the inner exhaust pipe and the outer combustion supply pipe must be checked to confirm that they are unblocked and in good condition.

Check the Gas Flame Regularly

To ensure that the stove is operating properly, check the flames periodically to confirm they match Figure 39. The flames will be blue during the first 15-20 minutes of operation, and will gradually turn to yellow.

Do not use your stove if the flame pattern differs from that shown here. Contact your Dutchwest dealer or a qualified technician for help.

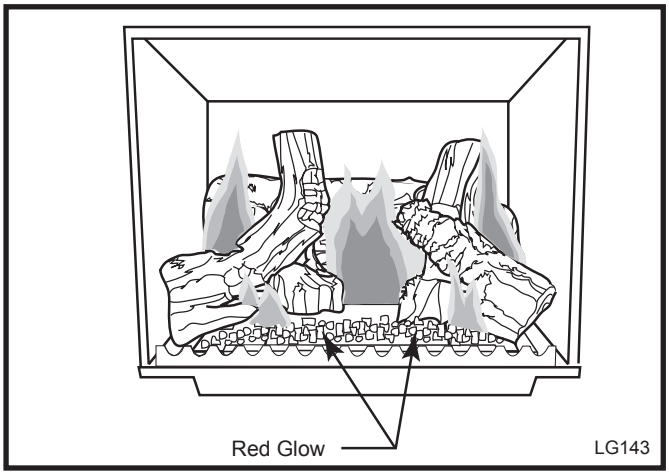


Fig. 41 Correct flame pattern.

Stove Disassembly

If there is ever a need to remove the firebox assembly from the stove shell, support the firebox with solid stands about 6" (152 mm) tall under the left and right outer edges of the firebox base. Do not set the firebox assembly directly on the floor; this can damage the control valve and/or the gas lines from the valve to the firebox.

Before removing the firebox from the shell, disconnect the on/off switch wires from the valve. If the assembly includes the optional fan, disconnect the fan rheostat. If the installation includes a wall thermostat, disconnect the thermostat leads from valve.

Disconnection and reconnection to the gas line should only be done by a qualified gas service technician.

Upon reinstallation, the vent system must be sealed to the firebox as shown in the installation section, Page 9. Also be sure the logs are placed in the firebox correctly, as shown on Page 11, Figures 21, 22.

Wiring Diagrams

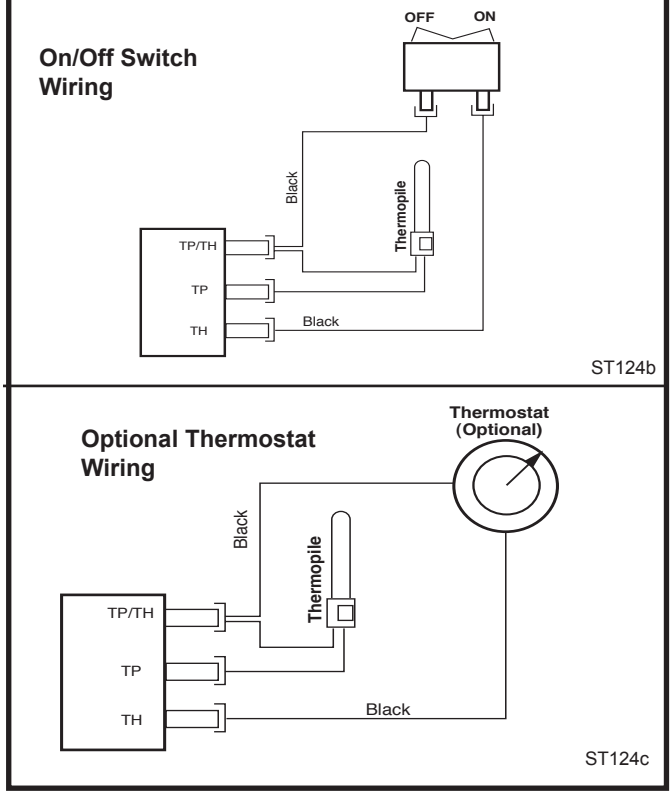


Fig. 42 On/off switch and optional thermostat circuit.

NOTE: IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THE APPLIANCE, MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE SF-2, 200°C WIRE OR ITS EQUIVALENT.

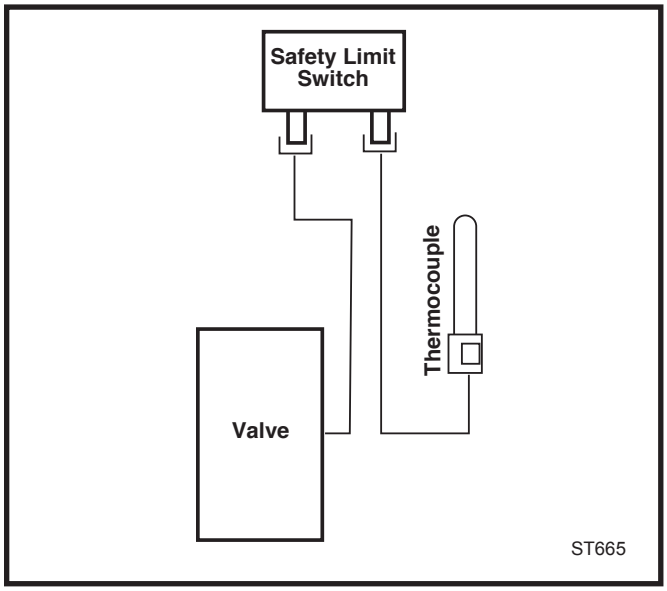


Fig. 43 Safety Limit Switch wiring.

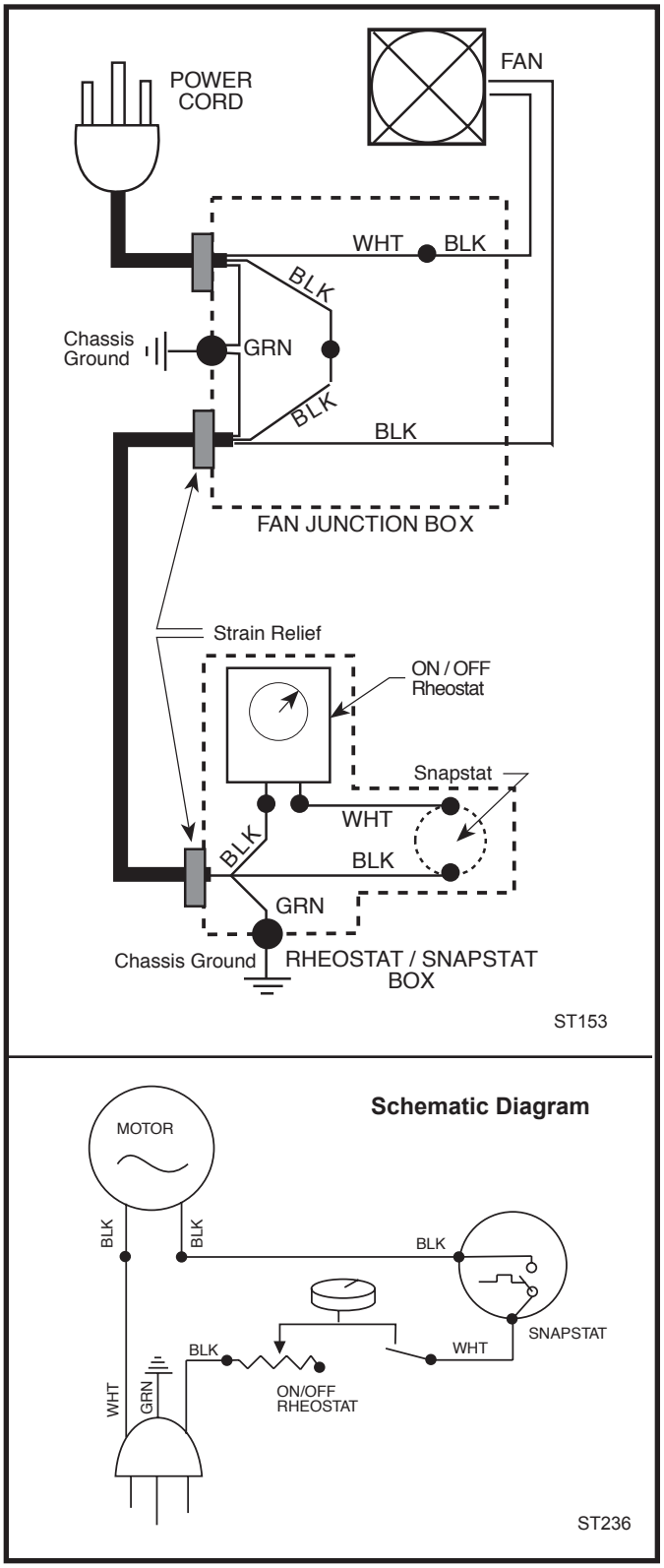
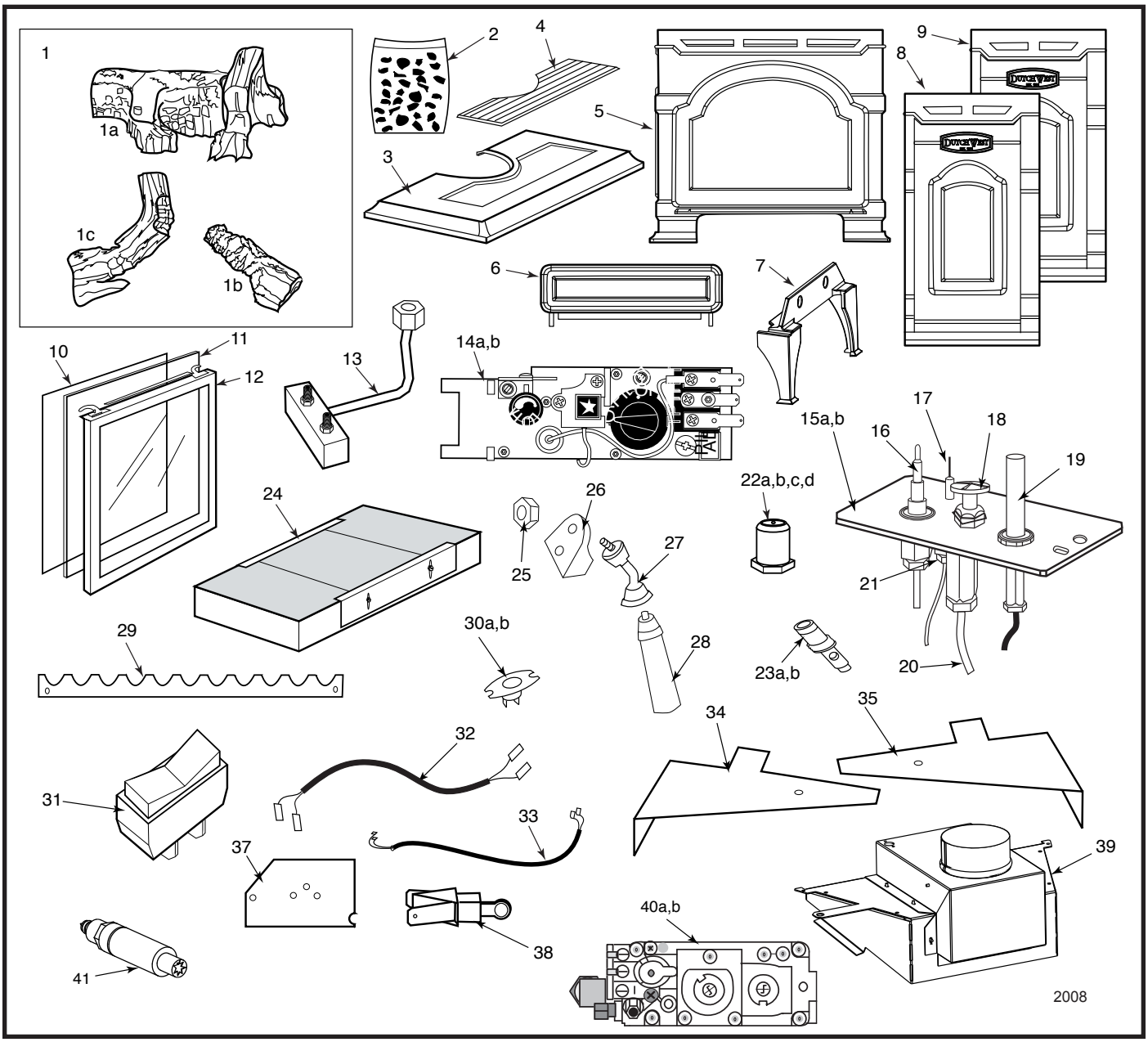


Fig. 44 Fan circuit.



CFM Corporation reserves the right to make changes in design, materials, specifications, prices and discontinue colors and products at any time, without notice.

Dutchwest Natural Vent Gas Heater

Models 2467, 2468

Ref.	Description	Part Number
1.	SDV30 Log Set Assembly	20003458
1a.	Rear Log	20003459
1b.	Right Log	20003460
1c.	Left Log	20003461
2.	Small Lava Rock Package	57897
3.	Top, NV DW Gas	30002005
4.	Grille, NV DW Gas	30002044
5.	Front, DW Gas	30001928
6.	Door, DW Gas	30001929

Dutchwest Natural Vent Gas Heater (continued)

Models 2467, 2468

Ref.	Description	Part Number
7.	Leg, DW Gas	30001930
8.	End, Rt - DW Gas	30001927
9.	End, Lt - DW Gas	30001926
10.	Gasket, Glass Med. Knit - RDV40	1203702
11.	Glass, DV25	1601691
12.	Glass Frame Assembly SDV30	30000127
13.	Manifold Tube Assembly - Double Bead	20003739
14a.	Valve RN Honeywell VS8420E 2038 (Serial #'s up to 1745)	10001782
14b.	Valve RP Honeywell VS9420E 2020 (Serial #'s upt to 1745)	10001759
15a.	Pilot Assembly 3Way N/DV Rn 0.199.706	10002264
15b.	Pilot Assemlby 3Way RP 0.199.703	10002265
16.	Thermocouple 24"	53373 7531137
17.	Electrode Ignitor w/ cable SIT 24	10001297
18.	Pilot Top Convertible	10002266
19.	Thermopile	51827 7533113
20.	Tubing Pilot w/Fitting SIT	10001296
21.	Nut Electrode SIT #0.974.144	57886
22a.	Orifice Hood #69 - 0.0292" (Front LP)	30000513
22b.	Orifice Hood #54 (Front Natural)	20000130
22c.	Orfice Hood #54 Rear LP	20000130
22d.	Orfice Hood #44 Rear NG	30000334
23a.	Orifice Pilot #62 NG Top Convertible	10002268
23b.	Orifice Pilot #35 - LP Top Convertible	10002269
24.	Burner Housing Assembly	20005264
25.	Nut, Hex Jam 3/8 - 16 Top LK-Z	1203290
26.	Front Pawl Assembly, Ash Door - ENC	5004025
27.	Front Steel Handle/Shaft - NI/VER	5004237
28.	Handle Package, Ceramic w/Screw	0004342
29.	Grate Burner JDV	20002167
30a.	Sensor Spill Switch, Bedroom	51866
30b.	Spill Switch	20005039
31.	Switch Rocker	30000874
32.	Wire w/Straight Term 2 End 50"	10002582
33.	Spill Switch Wire Assembly	30000108
34.	Bracket - Right Log	20005259
35.	Bracket - Left Log	20005258
37.	Gasket Base Pan Inner	20002566
38.	Interrupter block	30000069
39.	Draft Hood/Flue Collector Assembly	20005227
40a.	Valve Nova SIT820.662 RN (Serial #'s starting with 1746)	20010563
40b.	Valve Nova SIT820.653 RP (Serial #'s starting with 1746)	20010645
41.	Ignitor Piezo w/Nut SIT	52464
42.	Bracket Piezo Ignitor (not shown)	20010876

*When converting to SIT valve, must order RP275
**When converting to SIT valve, must order RP269

Fuel Conversion Kits

Conversion Kit, NG to LP - 2467 Kit #000-5022
Conversion Kit, LP to NG - 2468 Kit #000-5021

Optional Accessories Available

Fan Kits

FK26 Fan

The FK26 fan kit helps distribute heated air from within the firebox out into the room.. The fan is controlled by a snapstat that turns power on and off as the firebox temperature rises above and falls below a preset temperature. A rheostat provides for variable fan speeds.

Specifications

115 Volt / 60Hz / .75 amps

Maintenance

The fan itself does not require regular maintenance, however, periodic cleaning of the fan and the surrounding area is required.

Installation

Refer to Page 8 for installation instructions.

Remote Controls

The remote control allows you to turn the heater on or off from anywhere in the room. Refer to Page 21 for wiring diagrams.

Model	Functions Controlled
RC1	ON/OFF
RC2	ON/OFF and Temperature
IMTFK	Wall mounted thermostat control

Decorative Rings

4” brass or black rings are available to add a decorative touch to the exposed stove pipe.

Model	Description
4FSDRB/4	4” Black Rings (4)
4FSDRP/4	4” Polished Brass Rings (4)

Outside Air Adapter

An outside air adapter, #5076, may be added to the stove to bring fresh air for combustion directly from outside the building into the stove.

LIMITED LIFETIME WARRANTY

PRODUCT COVERED BY THIS WARRANTY

All Dutchwest gas stoves equipped with an Insta-Flame Ceramic Burner.

BASIC WARRANTY

CFM Corporation Company (hereinafter referred to collectively as the Company) warrants that your new Dutchwest Gas Fireplace/Stove is free from manufacturing and material defects for a period of one year from the date of purchase, subject to the following conditions and limitations.

EXTENDED LIFETIME WARRANTY

The heat exchanger, where applicable, and combustion chamber of every Dutchwest gas product is warranted for life against through wall perforation. All appliances equipped with an Insta-Flame Ceramic Burner have limited lifetime coverage on the ceramic burner plaque. Warrantees are made to the original owner subject to proof of purchase and the conditions and limitations listed on this Warranty Document

COMPONENT WARRANTY

CAST IRON: All external and internal cast iron parts are warranted for a period of three years.

Note: On porcelain enamel finished external parts and accessories The Company offers no Warranty on chipping of enamel surfaces. Inspect all product prior to accepting it for any damage to the enamel.

The salt air environment of coastal areas or a high humidity environment can be corrosive to the porcelain enamel finish. These conditions can cause rusting of the cast iron beneath the porcelain enamel finish, which will cause the finish to flake off.

Dye lot variations with replacement parts and/or accessories can occur and are not covered by warranty.

GLASS DOORS: Glass doors are covered for a period of one year. Glass doors are not warranted for breakage due to misuse or accident. Glass doors are not covered for discoloration or burned in stains due to environmental issues, or improper cleaning and maintenance.

BRASS PLATED PARTS AND ACCESSORIES: Brass parts should be cleaned with Lemon oil only. Brass cleaners cannot be used. Mortar mix and masonry cleaners may corrode the brass finish. The Company will not be responsible for, nor will it warrant any brass parts which are damaged by external chemicals or down draft conditions.

GAS VALVES: Gas valves are covered for a period of one year

ELECTRONIC AND MECHANICAL COMPONENTS: Electronic and mechanical components of the burner assembly are covered for one year. All steel tube burners are warranted for one year.

ACCESSORIES: Unless otherwise noted all components and CFM Corporation company supplied accessories are covered for a period of one year.

CONDITIONS AND LIMITATIONS

- This new Dutchwest product must be installed or serviced by a qualified installer, preferably NFI or WETT (Canada) certified, as prescribed by the local jurisdiction. It must be installed and operated at all times in accordance with the Installation and Operating instructions furnished with the product. Any alteration, willful abuse, accident, or misuse of the product shall nullify this warranty.
- This warranty is non-transferable, and is made to the original owner, provided that the purchase was made through an authorized supplier of the Company.
- The customer must pay for any Authorized Dealer in-home travel fees or service charges for in-home repair work. It is the dealers option whether the repair work will be done in the customer's home or in the dealer's shop.
- If upon inspection, the damage is found to be the fault of the manufacturer, repairs will be authorized at no charge to the customer parts and/or labor.
- Any part and/or component replaced under the provisions of this warranty is covered for six months or the remainder of the original warranty, whichever is longest.
- This warranty is limited to the repair of or replacement of part(s) found to be defective in material or workmanship, provided that such part(s) have been subjected to normal conditions of use and service, after said defect is confirmed by the Company's inspection.
- The company may, at its discretion, fully discharge all obligations with respect to this warranty by refunding the wholesale price of the defective part(s)
- Any installation, labor, construction, transportation, or other related costs/expenses arising from defective part(s), repair, replacement, or otherwise of same, will not be covered by this warranty, nor shall the Company assume responsibility for same. Further, the Company will not be responsible for any incidental, indirect, or consequential damages except as provided by law.
- SOME STATES DO NOT ALLOW FOR THE EXCLUSION OR LIMITATIONS OF INCIDENTAL AND CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOUR CIRCUMSTANCES. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
- All other warranties-expressed or implied- with respect to the product, its components and accessories, or any obligations/liabilities on the part of the Company are hereby expressly excluded.
- The Company neither assumes, nor authorizes any third party to assume on its behalf, any other liabilities with respect to the sale of this CFM Corporation product
- The warranties as outlined within this document do not apply to chimney components or other non CFM Corporation accessories used in conjunction with the installation of this product..
- Damage to the unit while in transit is not covered by this warranty but is subject to claim against the common carrier. Contact the dealer from whom you purchased your fireplace/stove (do not operate the appliance as this might negate the ability to process the claim with the carrier).
- The Company will not be responsible for:
  a) Down drafts or spillage caused by environmental conditions such as near-by trees, buildings, roof tops, hills, or mountains.
  b) Inadequate ventilation or negative air pressure caused by mechanical systems such as furnaces, fans, clothes dryers, etc.
- This warranty is void if:
  a) The fireplace has been operated in atmospheres contaminated by chlorine, fluorine, or other damaging chemicals.
  b) The fireplace has been subjected to prolonged periods of dampness or condensation
  c) Any damages to the fireplace, combustion chamber, heat exchanger or other components due to water, or weather damage, which is the result of but not limited to, improper chimney/venting installation.
  d) Any alteration, willful abuse, accident, or misuse of the product has occurred.

IF WARRANTY SERVICE IS NEEDED…

1) Contact your supplier. Make sure you have your warranty, your sales receipt, and the model/serial number of your CFM Corporation product.
2) DO NOT ATTEMPT TO DO ANY SERVICE WORK YOURSELF.

Canada

ENERGUIDE

Look for the **EnerGuide** Gas Fireplace Energy Efficiency Rating in this brochure

Based on CSA P.4.1-02

Efficiency Ratings	
Model	**EnerGuide Ratings Fireplace Efficiency (%)**
2467	51.4
2468	51.4

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

CFM Corporation

410 Admiral Blvd. • Mississauga, Ontario, Canada L5T 2N6
800-668-5323 • www.cfmcorp.com